

Electrotransport in Aluminum, by Th. Heumann.
GERMAN, per, Z. Metallkde, No 57, 1966, pp 571-574.
*NO3 IT 70-57425

Th. Heumann
Sci-Mat
Aug 73

73
Constitution and Thermodynamic Properties of
Alloys, by T. Heumann.

GERMAN, per, Arch Eisenhüttenw., No 39, 1968,
pp 783-792.

*NBS TT 70-53103

Available ~~for~~ Only

NBS

T. Heumann

Sci/Met

Sept 70

Transport Phenomena in Metals-Diffusion, by
Th. Heumann.

GERMAN, per, Verein Deutscher Eisenhüttenleute,
Metallphysik, 1967, pp 272-302.

*NTIS/NBS TT 71-55153

Available NBS Only

Th. Heumann

June 71

Grain Size and Diffusion, by Th. Heumann.
GERMAN, por. Z Metallurgie, No 59, 1968, pp 455-459.
#RBS TX 70-57467

Sci-Mat
Aug 70

Th. Heumann

The Diffusion Coefficient of Li in the β -phase
of the Al-Sb system, by Th. Heumann.
GERMAN, per. Phys Stat Sol. no 15, 1966, pp 95-106.
OAS II 70-57390

sci-at
AUG 70

Th. Heumann

Diffusion of Ag in Al. by Th. Heumann.
GERMAN, par. J Phys Chem Solids, No 29, 1960,
pp 237-244.
WAS FT 70-57442

Sci-Stat
Aug 70

Th. Heumann

W. HEUNER

The Significance of the Refractoriness-Under-Load
Test (ISO_DFB) in Studies of Refractories in
Foundries.

DEUTSCHE KERAMISCH GESELLSCHAFT.BERICHTE, Vol 48,
pp 151-156, 1971.
NTC 73-10234-11B

Mar 73

H. Herzer

The Course Within a Definite Time and Disseminated
Intravascular Coagulation in Acute Falciparum
Malaria in Conjunction With Journeys to Africa.

GERMAN, per, Schweizerische Medizinische Wochen-
schrift, Vol 100, 1970, pp 2020-2026.

ENC 72-13955-06E

Nov 72

D. Hess

Molecular Genetics in Higher Plants.
GERMAN, per, Deutsche Botanische Gesellschaft.
Berichte, Vol 83, 1970, pp 279-300.
ERIC 72-14072-06C

Nov 72

The Isotope effect for Diffusion of H and Deuterium in High Purity Iron, by Th. Heumann.
GERMAN, per. Z. Naturforsch., No 21a, 1966,
pp 260-265.
*888 TT 70-57395

Sci-Mat
Aug 70

Th. Heumann

Multi-phase Diffusion in the Cu-Cb System,
by Th. Heumann.

GERMAN. per. Z. Elektrochem., No 60, 1966, pp 1160-48

REF ID: A70-57545

Sci. Nat
Aug 70

Th. Heumann

New Observation on the Kirkendall Effect and
Electrolytic Transport in Solid Alloys, by
Th. Heumann. 74

FRENCH, rpt, Symposium: Diffusion Dans Metaux,
1957, pp 59-75.

*Nat Bur Stand TT 70-57915

Sci-Mat
Jul 70

TH. HEUMANN

Socialists Discuss French and European Action, 13
by Marc Heurgon, 11 pp.
FRANCE, par. Tribune Socialiste, Paris, No 470,
27 Oct 1970, p 7.
JPRS 51986

Marc Heurgon

11-France

PSI

Dec 70

H. Heuser

Dental Caries Prophylaxis by Deep Enamel
Impregnation With Fluor-Lac Coating, by
H. Heuser.

EUROPEAN, per, Stoma, Vol 21, 1968, pp 91-100.
NIC-70-13010-06E

Feb 72

Hull Design and Model Tests of Large, Fast
Inland-Water Cargo Ships with Fine Lines, by
H. Heuser.

GERMAN, per. Schiff Hafen, Vol. 17, 1965,
pp 10-18
GB 110/434

H. Heuser

Sci -
Aug 67

337-152

EDPD officials Dissatisfied with Party
Work, by Hans-Joachim Heusinger, 11 pp.
GERMAN, per, EDPD-Informationen, East
Berlin, No 3, Feb 71, pp 2-4.
JPRS 53234

Hans-Joachim Heusinger

Jan 71

30
Grain-Boundary Corrosion in Cu-Si Alloys, by
O. Heusler.
GERMAN, per, Zeit. Metallkunde, No 41, 1950,
pp 261-264.
*RES TT 70-57805
Available RES Only

O. Heusler

Sci/Mat
Sept 70

Dissolution of Passive Iron in Sulfuric Acid ⁹³
Studied with a Rotating Disk-ring Electrode, by
K. L. Heusler.
Trans. Faraday Soc. London, 1958, Vol 54, No 2
pp. 1197-1203.
*LHM 7523

Sci/Technical
Dist 00

K. L. Heusler

Dissolution of Passive Iron in Sulphuric Acid Studied by the Rotating Disc-Ring Electrode, by K. E. Heusler. 75

GERMAN, per, Ber Bunsenges Phys Chem, Vol 72, No 9-10, 1968, pp 1197-1205.

BISI 7523

Sci-Mat
Jul 70

K. E. HEUSLER

The Nychthemeral Rhythms and Energy Release
Study of Physiological Comparison, by
Charles Kayser, Alfred A. Heuser.
GOVERNMENT USE ONLY
FRENCH, per, J Physiol, Vol 89, 1967,
pp 3-116.
NASA TF F-11,965

2000-1-10

Sci-888
Mar 69

378,964

Investigations on Root Growth of Varieties
and Species of Cereals Under Different
Growing Conditions, by W. Heutrich.
GERMAN, per, Der Zuechter, Vol 36, No 1,
1966, pp 25-36.
NLL Ref: 5828.4N (12887)

26

W. HEUTRICH

Sci-Agri
Jan 69

373,596

Investigations on Exothermic Feeder Linings, 51
by G. Hevonesi and P. Narancsik,
HUNGARIAN, per. Vol 20, No 12, 1969, pp 282-286.
*BISI 8415

Sci/Int
Aug 70

G. HEVONESI

Experiences and Perspectives of Continuous
Work Shifts, by Gyula HEVESI and Dr. György
Péter, 15 pp.
DEKORACIAS, for, Magyarorszag, No 6, Jan 1959,
pp. 2-7.
JPRS 32101

22

Gyula HEVESI

EE-Hungary
Econ
and Cr

The Relationship Between Cost Prices and
Subsidies, by Erhard Heyde, 8 pp.
GERMAN, per. Einheit, No 2, Feb 1967, pp. 246-
252.
JPRS 40535

Erhard Heyde

EE-East Germany
Icon
Apr 67

319,719

English Title Unknown, by G. Heydemann,
N.V. Waubke, 3pp.
GERMAN, per, Materialpruf, 9, No 6,
June 1967, pp. 231-233.
*CFSTI TT 70-59035
AVAILABLE FROM USDI/BR ONLY

G. Heydemann

May 70

Marxist-Leninist Partnership, Ideological Class ²⁰
Struggle, by Guenter Heyden, 17 pp.
GDR, per. Deutsche Zeitschrift fuer Philosophie,
East Berlin, 1970, pp 122-135.
JWS 50697

Guenter Heyden

EGE Gern

rol

June 70

Guenter Heyden

Trotskyism Remains Danger to Communist
Movement, by Guenter Heyden, 12 pp.
GERMAN, per, Einheit, East Berlin, Feb 72,
pp 211-220.
JPRS 55733

Apr 72

Guenter Heyden

Lenin Points Way to Intensified Class
Consciousness, by Guenter Heyden, 14 pp.
GERMAN, per, Einheit, East Berlin, Mar 72,
pp 332-341.
JPRS 56175

Jun 72

A. Heydenreich

Pigment Tumors of the Conjunctiva
With Critical Remarks About X-Ray
Irradiation, by A. Heydenreich.
GERMAN, per, Acta Ophthalmologica,
Vol 48, 1970, pp 369-382
NTC 72-11324-06E

June 72

Technical Economic Aspects of an HVDC Trans-
mission System With Semi-Conductor Converters,
by G. Heyer,
GIESSER, par, ELZ-A, Vol. 91, Feb 1970, pp 94-98.
CRS-2632

G. Heyer

June 71

55
The Specificity of Fungi and Their Significance
for the Diagnosis of Dermatomycoses, by
E. Heygi, G. Hudakova, 13 pp.
GERMAN, per, Allergie und Asthma, Vol 13, No 4,
1967, pp 164-176.
ACSI J-8447
ID 2204010970

E. Heygi

Sci/DEM
Aug 70

70-13532-06E

Heyl, U.; Fischer, M.

URETHRITIS IN INFECTIONS WITH ORGANISMS OF THE
MIMEA GROUP AS A CONTRIBUTION TO THE DIF-
FERENTIAL DIAGNOSIS OF GONORRHEA. Hautarzt,

v. 19, p. 463-465, 1968.

Order from NTC as 70-13532-06E: HC \$ 7.60, MF \$ 5.80.

Excerpts from Stefan Heym Novel, by Stefan
Heym, 5 pp.
GERMAN, np, Die Zeit, 5 Nov 1965, p. 5.
JPRS 32958

EE-Germany
Pol
Nov 65

202,215

Stalin Leaves the Room, by Stefan Heym,
5 pp.
GERMAN, np, Die Zeit, 5 Feb 1965, p 3.
JPRS 28900

p 21

EE-Germany
Pol
Mar 65

276,197

E. Heymann

Recrystallization During the Formation of a
Joint in Ultrasonic Welding, by E. Heymann
and G. Busch,
GERMAN, per. Schweisstechnik, Vol 19, No 12,
1969, pp 542-545.
HB 8153

Nov 71

Studies of the Influence of Boundary-Surface-
Active Media on the Strength and Deformation
Properties of Metallic Materials, by
Gunter Heymann, Werner Schatt, 14 pp.

GOVERNMENT USE ONLY

GERMAN, per, Neue Hütte, Vol 14, No 6, 1969,
pp 345-350.

ARM/ESSTC/HT-23-495-70

Gunter Heymann

Sci/Mat
Jan 71

K. Heymann

Electroplating of ABS-Graft Polymers, by K. Heymann.
GERMAN, per, Galvano-Technik und Oberflächenschutz,
vol. 8, no. 4, 1967, pp. 86-89.
FTC 71-12973-13H

JULY 71

On the use of Shell Frozen Ready to use Bone 43
Chips for osteoplastic Operations, by
J. Heymans.
GERMANY, rev. Zentralblatt fuer Chirurgie, Vol 85,
No 15, 1957, pp 618-624.
ATC 70-15400-061

J. Heymans
sci/ b and r
nov 70

A. Heymer

Crystal Microscopy as an Aid in the Improvement
of Paraffin Recovery, by A. Heymer
EUROPEAN, per, Chemische Technik, Vol 19, No 9,
1967, pp 560-563
NTC 71-16095-07A



Feb 72

Process for Purifying Hexachlorocyclo-
hexane Mixtures, by F. Boedecker,
A. Heymons. *58*
GERMAN, Patent Application R-2 294.
STC 69-11045-07A

A. Heymons

Sci-Chem
July 69

387,004

Technical and Economic Aspects of a HVDC Trans-
mission System with Semiconductor Converters, by 35
G. Heyner, H. Schneider, et al.
GERMAN, par. ETZ-A, Vol 91, Feb 1970, pp 94-98.
IEA Trans. 2833

G. Heyner
Sci-Elec
Dec 70

Position of the Blast Furnace Process and Its
Development Prospects, by G. Heynert and E.
Wilms,
GERMAN, per. Stahl Eisen, Vol 90, No 21, 1970,
pp 1137-1146.
HB 8362

G. Heynert

Jun 71

Pilots in pajamas, by Heynowski and
Schumann, 39 pp.
GERMAN, par, Forum, N. Berlin, April 68,
pp. 19-27.
JPRS 45,254

Heynowski

RS(N. Viet.)
Political
May 68

357,560

Quantitative Ultramicro Determination of
Amino Acids as 2, 4 Dinitrophenylamino
Acid -(¹⁴C) Methyl Esters, by K. Heyns,
et al.

GERMAN, per, Hoppe-Seylers Z. Physiol Chem
Vol CXXLVIII, 1965, pp 116-129.
NASA TT F-10,119

K. Heyns

U. S. GOVERNMENT USE ONLY

Sci-Chem

Jul 66

304,269

Peruvian Discussion of the Agrarian Reform in
Latin America, by Dr. Luis E. Heyesen, 25 pp.
SPANISH, per, Review of the College of Economic
and Commercial Sciences, Nos 71-72, July-Dec
1965, Jan-June 1966, pp. 52-77,
JPFS 33167

DR. LUIS E. HEYSEN

LA-Peru
Econ
Nov 66

312,737

Electric Field Distribution in Capacitors with
Metalized Dielectrics, by H. Heywang,
H. Preiswinger.

36

GERMAN, per, Frequenz, Vol 19, July 1965,
pp 242-246.

ERA Trans. 2609

H. Heywang

Sci-Slec
Dec 70

W. Hoywang

Ferroelectric Ceramics, by W. Hoywang.
GERMAN, per, Siemens Zeitschrift, Vol 41, No 11,
1967, pp 878-886.
NFC-71-12412-20C

Nov 71

Orientation and Elastic Anisotropy of Stretched
Crystalline Polymers, by H. Mada, S. Hibi. *SP*
JAPANESE, per, Sen-i to Kogyo, Vol 1, No 11,
1960, pp 633-65.
ATS-JS-133

S Hibi

Sci-Chem
Mar 70

003,060

B. Hibner

The SISI Test in Hearing Loss of Cochlear
Origin, by G. Janczewski, B. Hibner, 5 pp.
POLISH, per. Otolaryngol Pos, Vol 24, No 2,
1970, illus., pp 151-155.
ACSI-R-1280

Jan 72

M. Hibs

*Approximate calculation method of characteristic
parameters in simple fluidic logic circuits. 9 pp.
FRENCH, Centre for development of automation and
computing techniques, Vol 2, pp 39-49
AIR/FTD-NC-23-1387-72*

U.S. GOV'T USE ONLY. COPYRIGHT INFORMATION

dec 72

Ibn Nicheam

Problems of Potable Water in Tunisia, by
Ibn Nicheam, 11 pp.
FRENCH, np, La Presse de Tunisie, Tunis,
19 Dec 71, p 11.
JPRS 55229

Mar 72

E. Dickson

Heat Transfer Measurements in Rectangular Ducts
With Asymmetrically Heated Walls, by E. Dickson,
EUROPEAN, per, Wärme-und Stoffübertragung, Vol 1,
1968, pp 185-189.
C.E. Trans 5418

Jan 72

C. Hicketier

The economy of new corrosion protective systems.
DEUTSCHE FARBEN-ZEITSCHRIFT, Vol 22, No 3,
pp 106-109, 1968
NTC 72-15127-11C

mar 73

Polish Series of Magnetic Amplifiers, by
J. Hickiewicz, A. Zywiec, T. Figura and K.
Borkowski, 10 pp. 15

POLISH, per, Elektro techniczny Przegląd, No
3, Mar 1966, pp. 111-115.
JPRS 36520

J. Hickiewicz

EE-Poland

Econ

Aug 66

307,88)

Realisation of the Unit of Forcein Statics,
by K. Hida.

GERMAN, Z. angew. Phys., Vol. 19, No. 4,
1955, pp 380-385
NZDIA

K. HIDA

Sci -
Aug 67

337-631

Anomalous Change in electrical Resistiv-55
ity of Cu-Ge Solid Solution After Tensile
Deformation, by M. Hida.
JAPANESE, per, J. Japan Inst. Metals, 33
1969, pp. 761-765.
*JCS AT 70-57781

Sci/water
Aug 76

M. Hida

Anomalous Phenomena on the Electrical
Resistivity Change After Quenching in
Cu-Zn Solid Solution Alloys, by M. Hida.
JAPANESE, per, J. Japan Inst. Metals,
32, 1966, pp. 1057-1061.
*SERIES 70-57960

53
55

sci/enter
aug 70

M. Hida

Reaction of Zinc-methylene Complex with Benzal-⁵⁸
dehyde, by S. Miyano, H. Hida.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 69,
No 1, 1966, pp 106-109.

WTC 69-15502-07C

M. Hida

Sci-Chem

Doc 69

306,430

New Sugar-Cane Strains Developed in Cuba,
by Mario Hidalgo Gato, 11 pp.
SPANISH, see, Agronomia de Cuba, No 2,
Apr-June 1955, pp. 4-11.
JPRS 36010

36

Mario Hidalgo Gato

LA-Cuba

Seen

Jul 65

304,358

Studies for Safety Analysis of Loss-of-Coolant
Accidents in Light-water Power Reactors, by
Hideo Fujie, Atsuo Yamaouchi et al., 21 pp.
JAPANESE, TPT, Japan Atomic Energy Research
Instit, March 1968.

113

AEC-75J-tr-112

F011255168-V

Hideo Fujie

Sci/Nucl
Oct 66

500,500

Antistatic Treatment and the Antistatic Mechanism for
Polymers, by Hideo Marumo, 13 pp.

GOVERNMENT USE ONLY

JAPANESE, per, Kobunshi, Vol 16, No 179, 1967,
pp 357-361.

ARM/FSTC-IT-23-949-70

Hideo MARUMO

June 71

138
Photoconductivity in InSb by Double Photon
Absorption, by Hideomi Matsuzaki.
JAPANESE, per, Japan Society of Applied Physics,
Vol 37, No 7, 1968, pp 636-637.
SAFCRL

Hideomi MATSUZAKI

Sci/Phys
May 69

Rodent-proofed Packaging Materials, by
Hideo Wakai, Osamu Wada. 22 pp.
GOVERNMENT USE ONLY
JAPANESE, per, JPI Journal, Vol 7, No 4,
pp 60-66.
ARM/STC/IT-23-435-69

Hideo Wakai

Sci-Materials
Nov 69

395,937

91

Development of an In-Core Void Meter, by
Masahiro Katami & Hideo Yasui.
JAPANESE, FOR, KAISOKU TO SAIGYO, Vol. 2, No. 3,
Sept 1967, pp 69-75. PS11003162-7
AIC-14-6923

Hideo Yasui

Sci/Meta & Equip
Apr 68

251,286

Deficiencies of Information Systems Discussed,
by C. Hidos, 8 pp.
ROMANIAN, np, Viata Economica, Bucharest, No 52,
25 December 1970, pp 8, 14.
JPRS 52357

C. Hidos

Feb 71

20

Work Hours Call for Constant Improvement,
by Cornel Hidas, 13 pp.
ROMANIAN, per, Probleme Economice, Bucharest,
Mar 1969, pp 25-36.
JPRS 48755

Cornel Hidas

Yugoslavia
econ
Sept 69

302,764

Strict Relationship Between Working and Labor ²⁰
Productivity, by Cornel Hidos, 5 pp.
ROMANIAN, no. Scintala, Vol 36, No 7295.
29 Mar 1967. pp. 1, 3.
JPRS 46920

Cornel Hidos

EE-Romania

300

Jun 67

320,326

101
Study of the Temperature Effect of the Results of
Impact Bending Test in Notched Specimens by Means
of Notch Hammer PSWO 1000, by J. Hidvegthy.
CZECH, per, Sbornik V.S.T. Kosciach, No 1, 1968,
pp 173-183.
BISI 7664

Sci-Mat
June 70

J. Hidvegthy

W. Hieber

Metal/Nitric-Oxide Complexes. Part 13.
Complex Chemical Behavior of Nitrosylrhodium
Halides, by W. Hieber.
GERMAN, per, Zeitschrift fuer Anorganische und
Allgemeine Chemie, Vol 316, 1962, pp 321-326.
NTC-70-13215-07B

Feb 72

Research Report of Inorganic Chemistry
Laboratory, by H. H. Heber, D. P.
VONDER, rpt, Technische Hochschule München,
6 Aug 1965.
Dept of Navy Tr 4473/OSI Tr 2095

Sci-Tech
Feb 66

206,229

H. H. Heber

Direct Conversion of UF_6 into UO_2 , by
J. Niemeleers, H. Niemeleers.
BELGIUM, rpt, Symposium on Nonaqueous
Reprocessing Mol Belgium, 28-29 October,
1966, 9 pages.
AEL-Trans-706

July 69

J. Niemeleers

354-697

28

Đinh Linh Women Participate in People's
Councils, by Mai Hien, 5 pp.
TIENTSIN, par. Quan Doi Nhan Dan, 26 Aug
1967, p 8.
JPRS 42990

Mai Hien

Hanoi
Ecc
Oct 67

3/3, 5/9

The Lack in Protein and Fats Can Be Considered
As An Emergency, by Phan Van Hiep, 6 pp.
VIETNAMESE, per, Ky Thuat Cong Nghiep Muc, 12,
1966, pp, 3-5.
JPRS 40135

Phan Van Hiep

FE-Vietnam
Sci-ESM
Mar 67

320,952

30
History of Uruguayan Army Outlined, by
Atanasildo Hierro, 15 pp.
SPANISH, per. Accion, Montevideo, 27 Oct
1968, pp 2-3.
JPRS 47,081

LA/Uruguay
M11
Jan 69

372,290

Atanasildo Hierro

59
Method for the Preparation of Small Capsules
Containing Hydrophilic Material Inside Them, by
E. N. Hiestand, J. G. Wagner.
GERMAN, Patent No 1 185 155, 9 Sept 1965.
RNC 69-11185-07A

E.N. Hiestand

Sci/Chem
July 69

386,608

Comparison of the Energy Balances of the United Kingdom and the European Coal and Steel Community, by G. Hiffs, J. D. Wells. 19
FRENCH, per, Bull. Comm. Europ. Charb. Acier, No 67, 1967, pp 37-45, 30-33, 17-19.
NLL Ref: 9022.09 (4707)

WEur

ECON

Mar 69

376,994

Pedro K. Niga

General Revolutionary Objectives Outlined, by
Pedro K. Niga, 7 pp.
ENGLISH, per. Tricontinental, Havana, No 24, May-
June 1971, pp 60-66.
JPRS 54549

Dec 71

88

Characteristics of Electrostatic Recording
Papers, by T. Higaki.
JAPANESE, per, Danshi Shashin, Vol 8, No 1,
1967, pp 21-26.
ATS JS-129.

T. Higaki

Sci-Mat
Feb 69

373,832

K. Higashi

Effects of Flow Patterns in Gaseous
Diffusion Process, by K. Higashi,
JAPANESE, per: Nippon Genshiryoku
Gakkaishi, Vol 12, No 11, 1970,
pp 649-654
NTC 72-11393-18B

June 72

Diagnosis of Malignant Tumours with P-I-N
Type Semiconductor Detectors, by T. Higashimi. 57
JAPANESE, ser. Radioisotopes, Vol 17, 1968,
pp 311-315.
*AEC/AEPE

T. Higashimi

Sci/BQM
Apr 69

Ceodesy in Thailand, by Hideo Higashinaka, 11 pp.
GOVERNMENT USE ONLY
JAPANESE, per, Tomon Ajiya Kenkyu, Vol III, No. 1,
June 1965, pp. 129-133.
JPRS GUO 2438

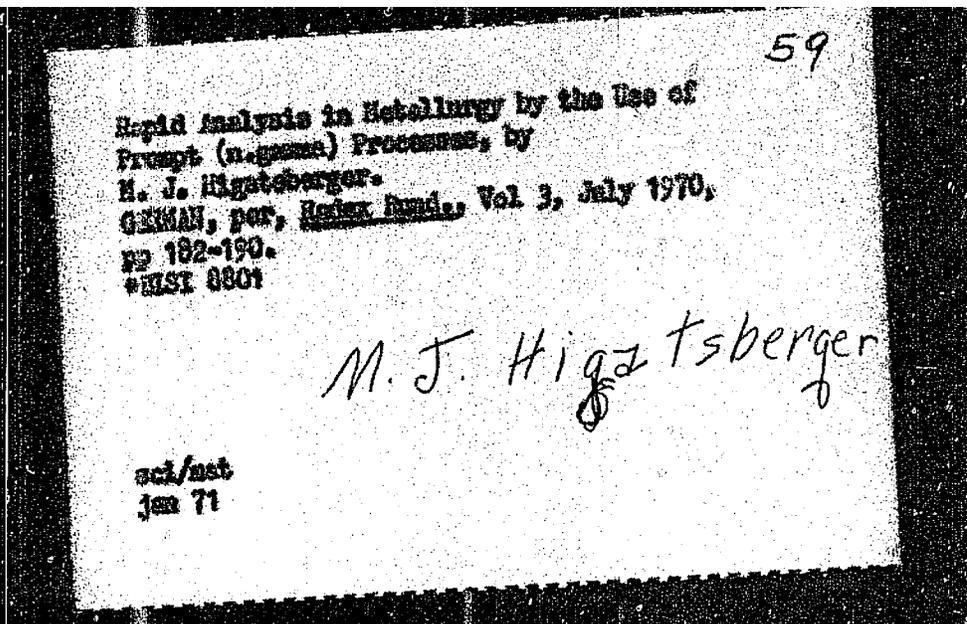
Hideo Higashinaka

EE-Thailand
Sci-Earth Sci
July 67

330,077

Spontaneous Analysis in Metallurgy Using the
Prompt (N, Gamma) Process, by M.J. Higatsberger,
GERMAN, per. Radex-Rund., Vol 3, 1970,
pp 182-190.
BISI 8801

M. J. Higatsberger



Theoretical Analysis of Sintering, by I. Munoz
and J. Higuchi,
JAPANESE, per. Tatsu-to-Hagane, Vol 56, No 3,
1970, pp 371-381.
DISI 8864

J. Higuchi

Sci/Sat
Feb 71

Research on Guidance Control at the Aeronautics
and Space Technical Research Institute, by
Kazuo Higuchi, 16 pp.

GOVERNMENT USE ONLY

JAPANESE, per. Nihon Roketto Kaihatsu Kyorikai

Kaiho, No 136, Feb 1969, pp 1-16.

JPRS GUC 3032

Kazuo Higuchi

Sci-Space Tech
Jun 69

382,101

M. Higuchi

The Desulfurization Practice at the Fukuyama
Blast Furnaces, by M. Higuchi.
JAPANESE, per, Tetsu to Hagane, Vol 57, No 4,
Lecture 38, 1971, pp 538.
HB 8697

Jan 73